

From the INTERNATIONAL SEARCHING AUTHORITY

PCTNOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT
OR THE DECLARATION

(PCT Rule 44.1)

To:

AKIN, GUMP, STRAUSS, HAUER & FELD,
L.L.P.
Attn. Wirthlin, Alvin
P.O. Box 688
Dallas, TX 75313-0688
UNITED STATES OF AMERICADate of mailing
(day/month/year)

27/12/2001

Applicant's or agent's file reference

ARW007PCT

FOR FURTHER ACTION

See paragraphs 1 and 4 below

International application No.

PCT/US 01/18126

International filing date
(day/month/year)

05/06/2001

Applicant

WIRTHLIN, Alvin

- 1.
- ☒
- The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.**Where?** Directly to the International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland
Fascimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

- 2.
- ☐
- The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

- 3.
- ☐
- With regard to the protest**
- against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

- 4.
- Further action(s):**
- The applicant is reminded of the following:

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.Within **19 months** from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).Within **20 months** from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority

European Patent Office, P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
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Authorized officer

Andrea Januszewski

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference ARW007PCT	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 01/ 18126	International filing date (day/month/year) 05/06/2001	(Earliest) Priority Date (day/month/year) 04/08/2000
Applicant WIRTHLIN, Alvin		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☒ because this figure better characterizes the invention.

1, 2

☐ None of the figures.

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01D5/26 G01D5/347 G01F23/292 G01F1/28 G01F23/68
G01C9/06 G01P15/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01D G01F G01C G01P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 376 785 A (CHIN PHILIP K ET AL) 27 December 1994 (1994-12-27) column 9, line 60 -column 10, line 42; figure 8 column 15, line 18 - line 64; figure 26 ---	1, 6, 29, 34, 51
X	US 4 942 306 A (COLBOURNE PAUL D) 17 July 1990 (1990-07-17) the whole document ---	1
X	US 4 928 006 A (KERSHAW CHARLES H) 22 May 1990 (1990-05-22) the whole document ---	1
X	DE 39 08 548 A (VEGLIA BORLETTI SRL) 5 October 1989 (1989-10-05) column 5, line 50 -column 6, line 50; figures 6, 7 ---	1

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *8* document member of the same patent family

Date of the actual completion of the international search

14 December 2001

Date of mailing of the international search report

27/12/2001

Name and mailing address of the ISA

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Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Arca, G

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 728 070 A (OPECTRON IND SARL) 14 June 1996 (1996-06-14) the whole document ---	51
A	FR 2 656 688 A (JAEGER) 5 July 1991 (1991-07-05) abstract ---	1, 6, 29, 34
A	DE 34 03 887 A (RUHRMANN WOLFGANG DR) 8 August 1985 (1985-08-08) abstract ---	1, 29, 34
A	DE 196 07 086 A (TELEFUNKEN MICROELECTRON) 28 August 1997 (1997-08-28) abstract -----	1, 29, 34

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5376785	A	27-12-1994	AT 200574 T	15-04-2001
			AU 675082 B2	23-01-1997
			AU 5080993 A	26-04-1994
			CA 2106533 A1	03-04-1994
			DE 69330133 D1	17-05-2001
			DE 69330133 T2	15-11-2001
			EP 1033558 A1	06-09-2000
			EP 0663066 A1	19-07-1995
			JP 8501879 T	27-02-1996
			WO 9408208 A2	14-04-1994
			US 5389777 A	14-02-1995
			US 5532473 A	02-07-1996
US 4942306	A	17-07-1990	CA 1332205 A1	04-10-1994
			DE 68903183 D1	19-11-1992
			DE 68903183 T2	18-03-1993
			EP 0334533 A2	27-09-1989
US 4928006	A	22-05-1990	US 4839515 A	13-06-1989
DE 3908548	A	05-10-1989	IT 1219123 B	03-05-1990
			DE 3908548 A1	05-10-1989
			ES 2013121 A6	16-04-1990
			FR 2628836 A1	22-09-1989
FR 2728070	A	14-06-1996	FR 2728070 A1	14-06-1996
FR 2656688	A	05-07-1991	FR 2656688 A1	05-07-1991
DE 3403887	A	08-08-1985	DE 3403887 A1	08-08-1985
DE 19607086	A	28-08-1997	DE 19607086 A1	28-08-1997